

VARIANCE / FIELD CHANGE NOTICE

Significant?

(Yes or No): NO

V/F: 20600-PSP-0005-1

WBS NO.: PROJECT/DOCUMENT/ECDC # 20600-PSP-0005 Rev. 1

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PROJECT TITLE: Project Specific Plan for Area 6 Solid Waste Landfill Excavation
Characterization

Date: 12/18/03

VARIANCE / FIELD CHANGE NOTICE (Include justification):

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EXCAVATION CONTROL

This Variance/Field Change Notice (V/FCN) documents the collection of surface grab samples for benzo(a)pyrene analysis in the Solid Waste Landfill (SWL) at the design grade at mean sea level (MSL) 570. The samples will be collected on the western half of the excavation floor and sidewalls MSL 570. See Figure 1 for the approximate area to be sampled. Coordinate with the Construction Lead for the exact location of the area.

The excavation floor will be divided into a 20' X 20' grid and a location will be marked at the center of each block. A minimum of 2 locations at representative spacing will be marked on the floor. All of the sidewalls surrounding the sample locations on the floor will be sampled. Sample locations will be marked every 20' on each sidewall within 0-4' of the floor. A minimum of 1 location per sidewall is required. At each location 1 sample will be collected for total ^{see 12/22/03}uranium (TAL B), which will be analyzed at an offsite laboratory. These samples will be taken in accordance with the PSP. See Attachment 1 for the Sampling and Analytical Requirements.

The first sample taken shall be A6EC-SWL-DG-1^S.

Where:

A6EC = Area 6 Excavation Control

SWL = Solid Waste Landfill

DG = Design Grade

1 = first consecutive location number

^ - distinguishes between the location identifier and the analysis type identifier

S = semi-volatiles

Approximately 65 samples will be collected during this sampling event.

Surveying required: Yes

Field QC samples required: No

Field data validation required: Yes

Analytical data validation required: No

Justification:

The excavation on the western half of the SWL was driven by above-FRL benzo(a)pyrene to the MSL of 570, therefore physical sampling is necessary to ensure that all of the above-FRL benzo(a)pyrene has been removed. Per Section 3.2.2.2 physical sampling is required at MSL 570 for benzo(a)pyrene and per Section 4.5 the collection of physical samples will be documented with a V/FCN.

REQUESTED BY: Krista Flaugh

Date: 12/18/03

X IF REQD	VARIANCE/FCN APPROVAL	DATE	X IF REQD	VARIANCE/FCN APPROVAL	DATE
X	QUALITY ASSURANCE: <i>[Signature]</i>	12/19/03	X	PROJECT MANAGER: <i>[Signature]</i>	12/22/03
	DATA QUALITY MANAGEMENT		X	CHARACTERIZATION MANAGER: <i>[Signature]</i>	12/18/03
X	ANALYTICAL CUSTOMER SUPPORT: <i>[Signature]</i>	12/30/03		RTMP Manager	
X	WAP: <i>[Signature]</i>	12/23/02	X	Sampling Manager: <i>[Signature]</i>	1/6/04
VARIANCE/FCN APPROVED [X]YES []NO			REVISION REQUIRED: []YES [x]NO		

DISTRIBUTION

PROJECT MANAGER:	DOCUMENT CONTROL: Jeannie Rosser	OTHER:
QUALITY ASSURANCE:	CHARACTERIZATION MANAGER: Frank Miller	OTHER:
FIELD MANAGER:	OTHER:	OTHER:

TAL 20600-PSP-0005-B

COMPONENT	MDL
Benzo(a)pyrene	0.2 mg/kg

SAMPLING AND ANALYTICAL REQUIREMENTS

Analyte	Sample Matrix	Lab	ASL	TAT*	Preservative	Holding Time	Container	Sample Volume/Mass
TAL B	Solid	Offsite	B	3 day	Cool 4 degrees C	14 days	glass with teflon lined lid	30 g

* This TAT signifies when the data is due back to the project, irrespective of data entry into the database.
All subsequent batches are due in 1 day increments.

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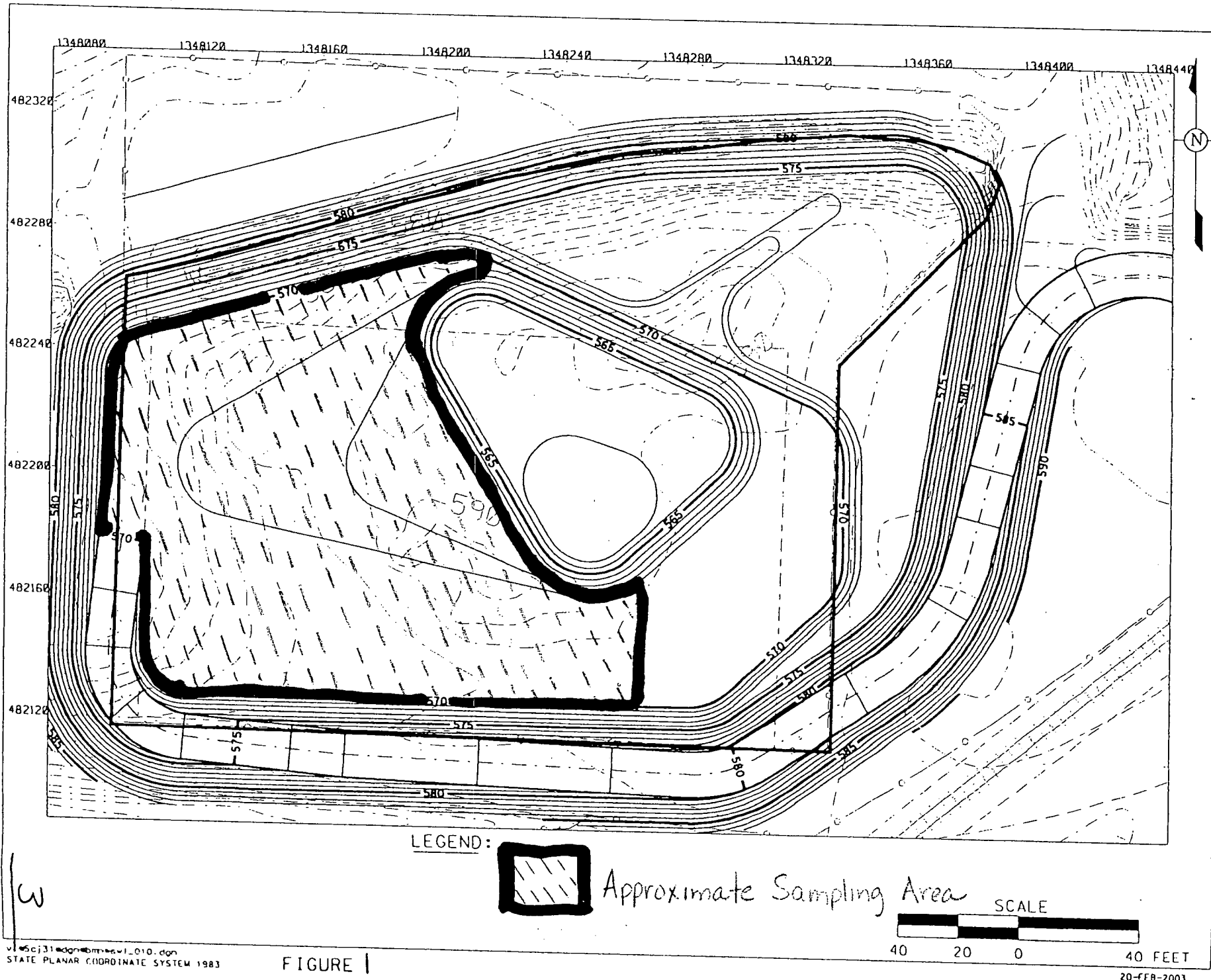


FIGURE 1

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